

FIG.1 PRIOR ART

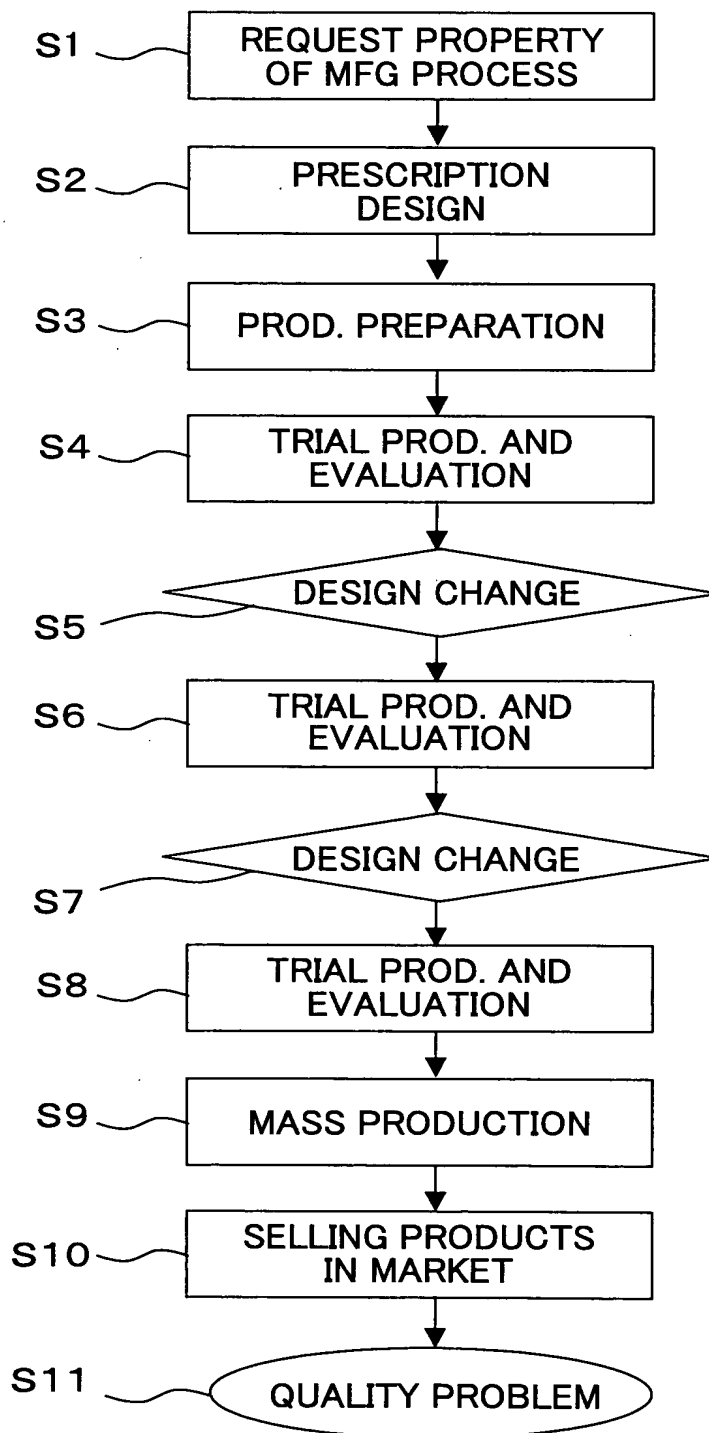


FIG.2

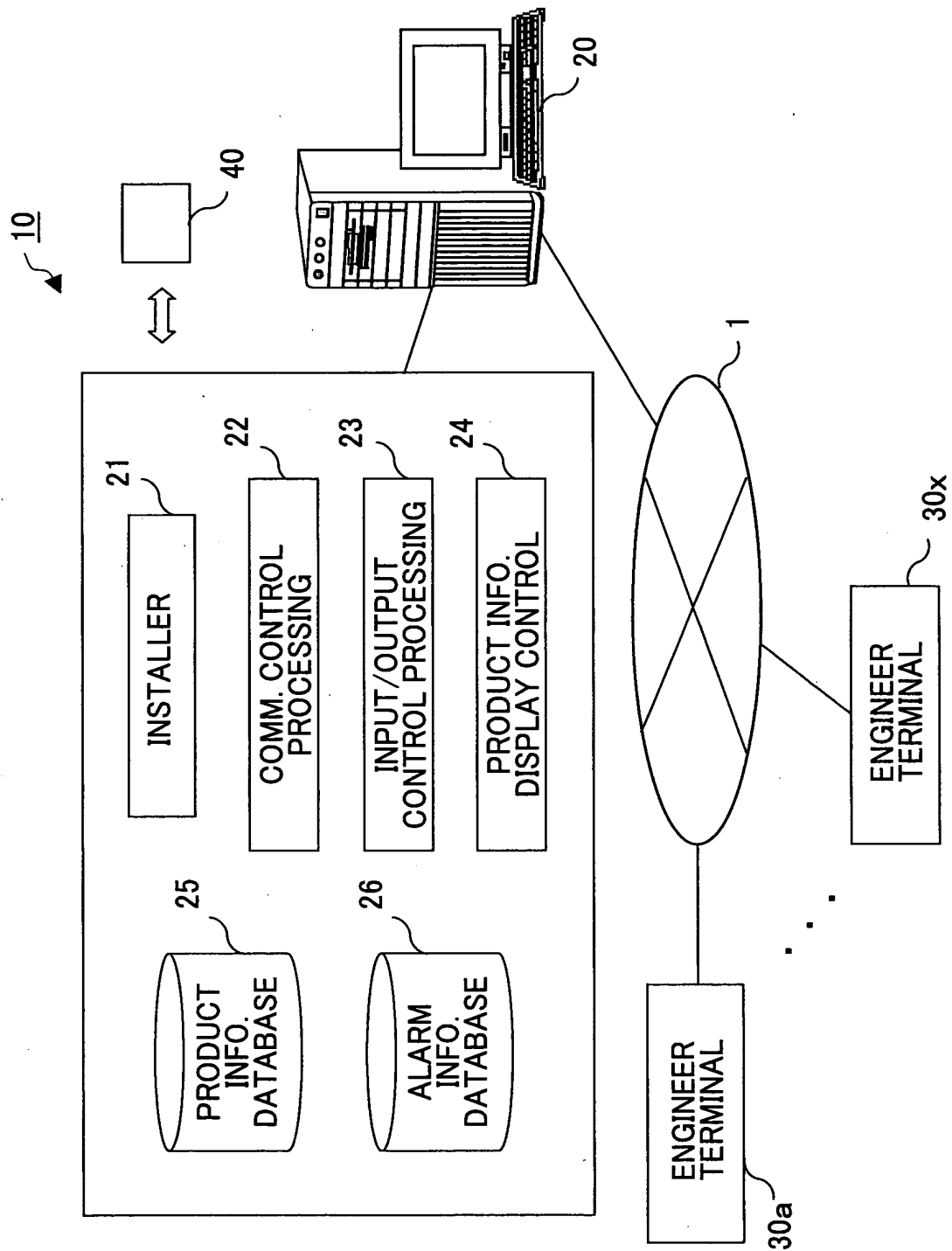


FIG.3

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PRODUCT NAME	MODEL NAME	PRESCRIPTION	UPDATE	COLOR
PRODUCT-A	A-BK	OIL APPLIED	2002/07/10	BLACK
	A-C	OIL APPLIED	2002/07/10	CYAN
	A-M	OIL APPLIED	2002/07/10	MAGENTA
	A-Y	OIL APPLIED	2002/07/10	YELLOW
PRODUCT-B	B-BK	OILLESS	2002/09/20	BLACK
	B-C	OILLESS	2002/09/20	CYAN
	B-M	OILLESS	2002/09/20	MAGENTA
	B-Y	OILLESS	2002/09/20	YELLOW
:	:	:	:	:

FIG.4

PRODUCT NAME	PARTICLE-SIZE DIST.				FINE-PARTICLE PROPERTY		ELECTRICAL PROPERTY				THERMAL PROPERTY	
	PROPERTY -1	PROPERTY -2	PROPERTY -3	PROPERTY -4	PROPERTY -5	PROPERTY -6	PROPERTY -7	PROPERTY -8				PROPERTY -8
A-BK	0.8	0.84	7.8	3.0	1.5	36	3.1	4.5				4.5
A-C	8.3	0.01	5.7	4.5	1.0	35	4.5	5.0				5.0
A-M	6.8	0.45	5.5	5.0	3.8	32	4.1	5.0				5.0
A-Y	1.2	0.39	5.5	5.8	0.4	35	3.7	4.0				4.0
:	:	:	:	:	:	:	:	:				:
:	:	:	:	:	:	:	:	:				:
:	:	:	:	:	:	:	:	:				:

OPTICAL PROPERTY				ENVIRON. CONDITION		
PROPERTY -9	PROPERTY -10	PROPERTY -11	PROPERTY -12	PROPERTY -13		
1.9	-	35	3.0	5.0	...	
1.8	61	50	4.5	4.5		
1.6	73	44	4.0	5.0		
1.7	89	87	5.8	5.0		
:	:	:	:	:		
:	:	:	:	:		

FIG.5A

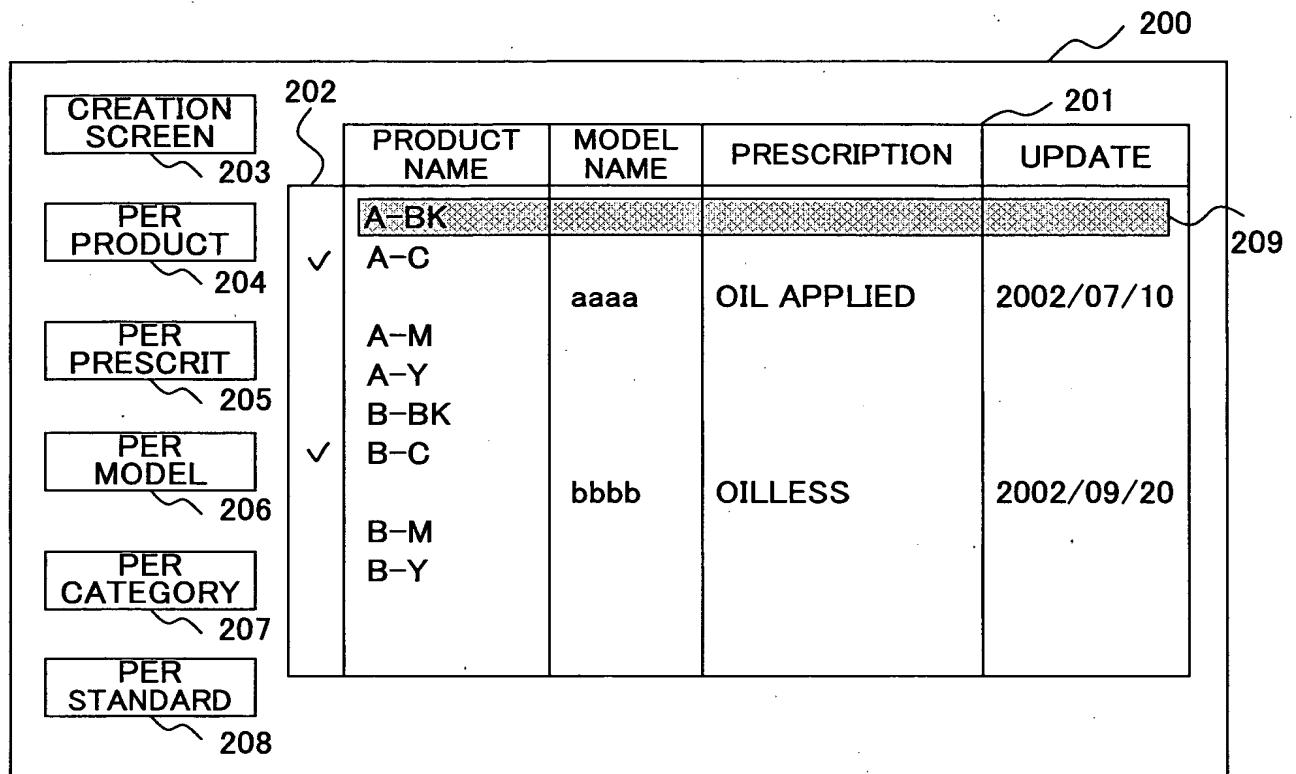


FIG.5B

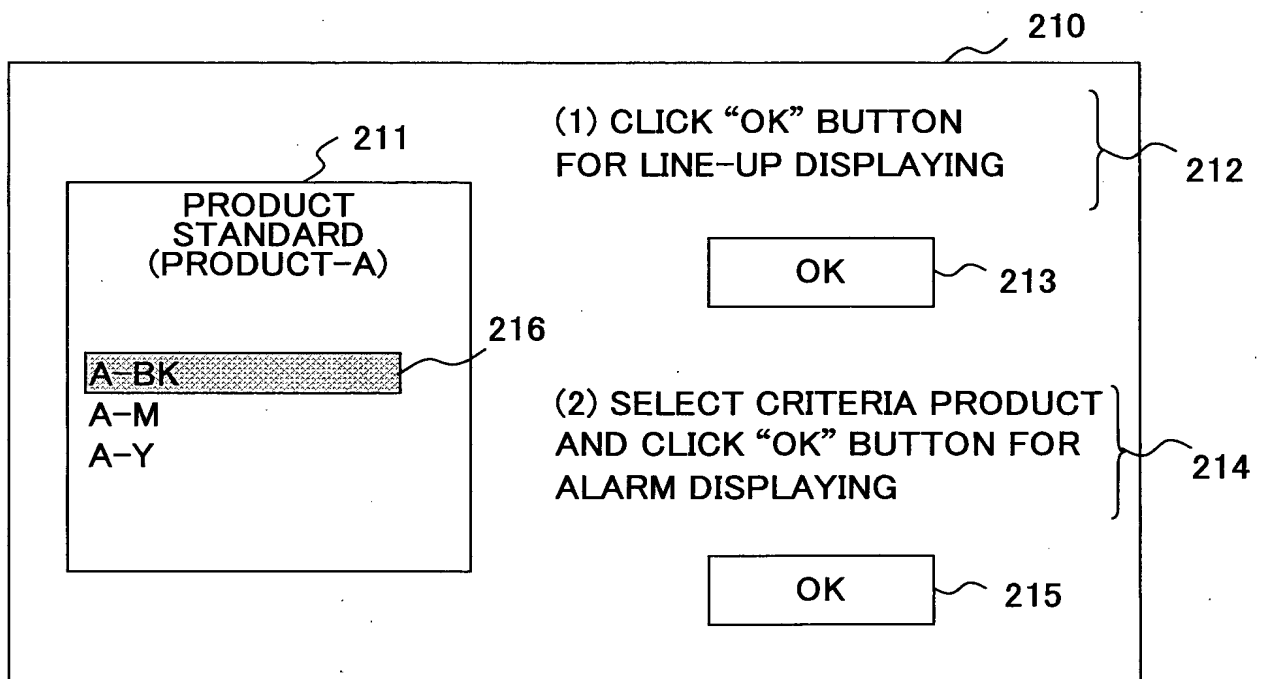


FIG.6

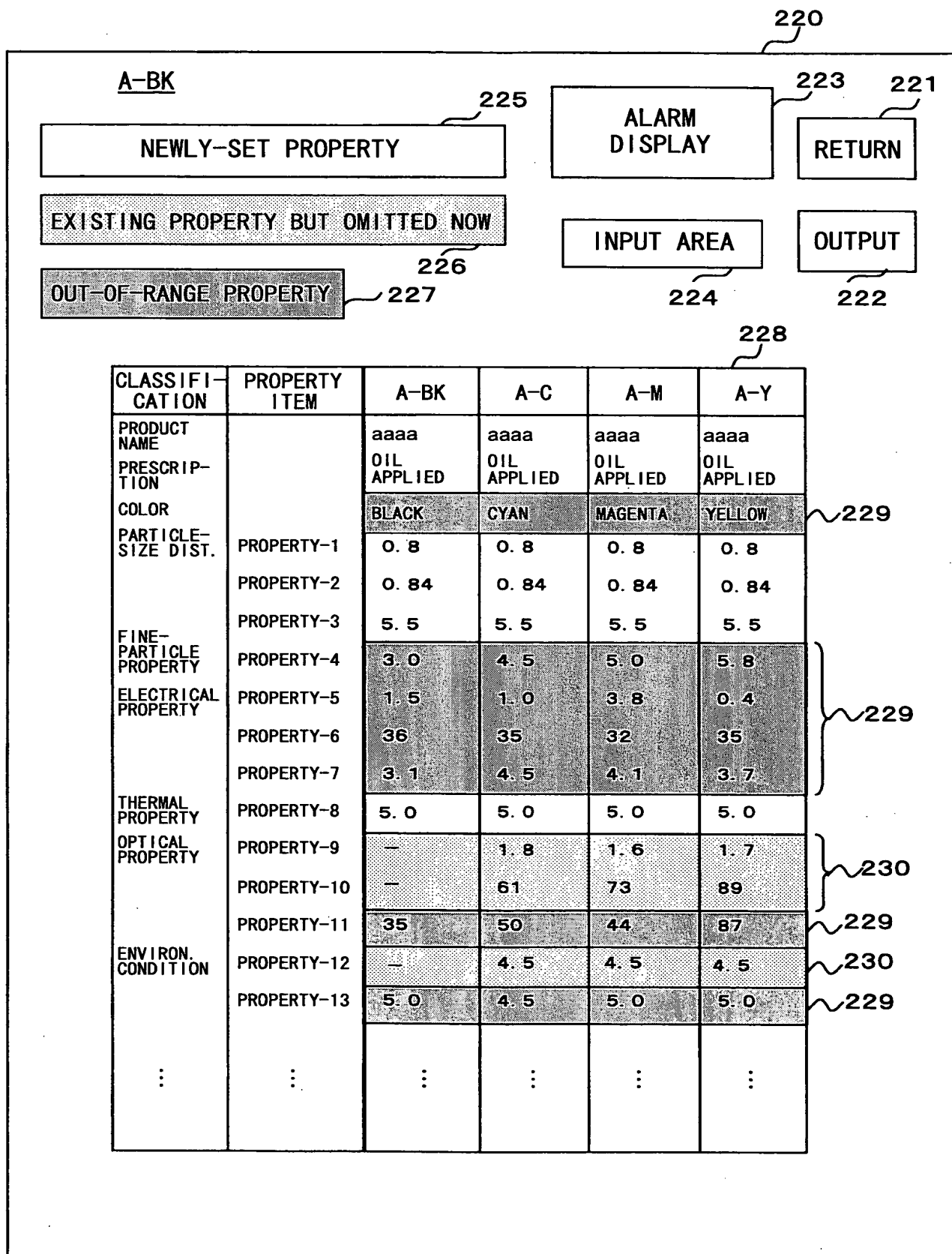


FIG. 7

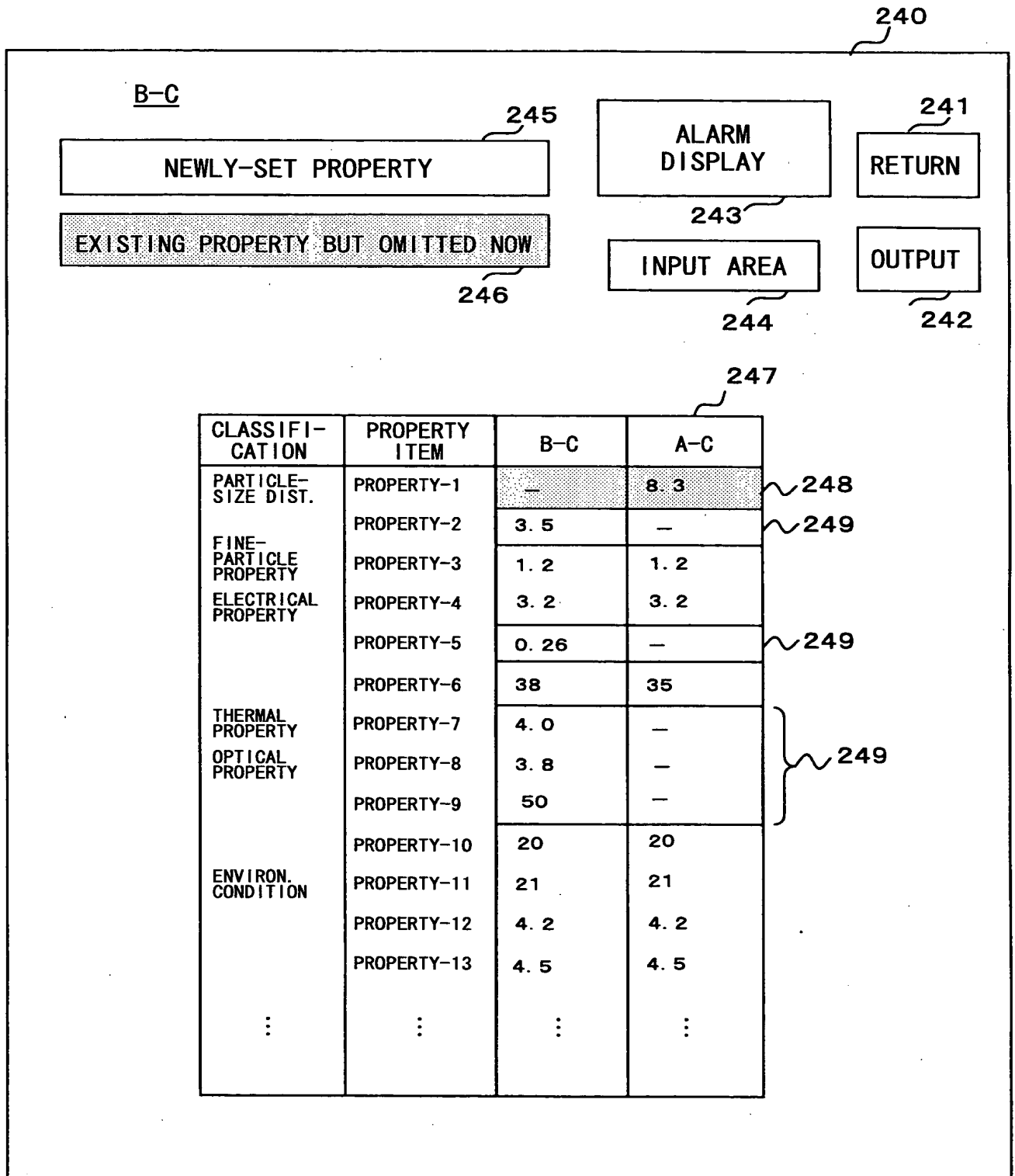


FIG.8

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THRESHOLD VALUE	DISPLAY CONTROL
OVER 25% AND UNDER 50%	IF TWO OR MORE OF "B" TO "E" DIFFER FROM "A", ALARM IS DISPLAYED.
OVER 50% AND UNDER 75%	IF THREE OR MORE OF "B" TO "E" DIFFER FROM "A", ALARM IS DISPLAYED.
OVER 75% AND UNDER 100%	IF ALL OF "B" TO "E" DIFFER FROM "A", THEN ALARM IS DISPLAYED
100%	NO ALARM IS DISPLAYED

FIG.9

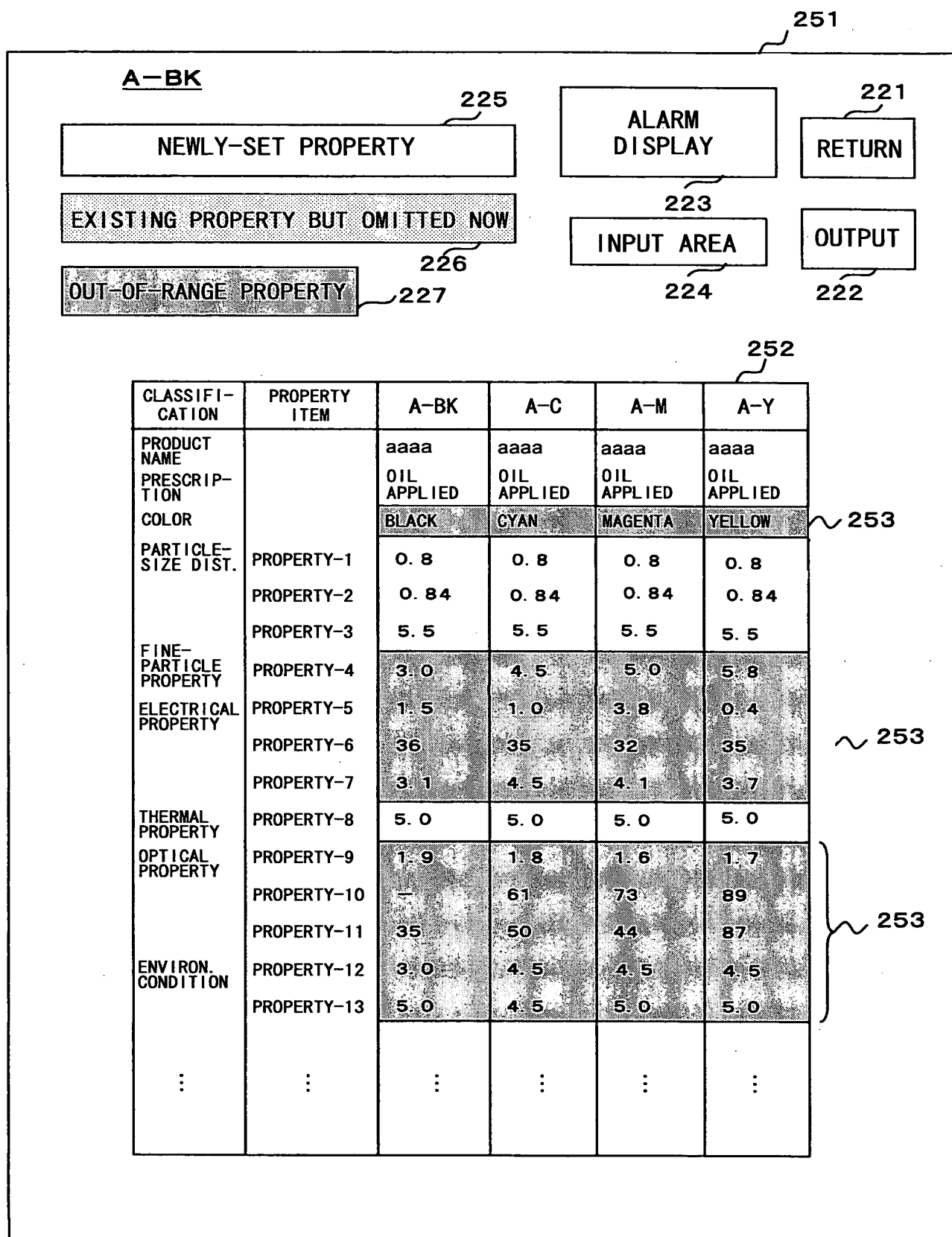


FIG.10

FIELD: TONER

SELECT STANDARD:
 ▽

SELECT PRODUCT:

PRODUCT NAME
1 X-1
2 X-2
3 X-3
4 X-4

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		PROCESS CLASS.	RAW-MATL	MAKER	COST	X-1	X-2	X-3	X-4
1	PROCESS -1	AAA	Y-1	A	4900	4900	4900	4900	
			Y-2	B	6280	6280	6280	6280	
			Y-3	C	290				
			Y-4	D	2220			2220	
			Y-5	E	9500	9500	9500	9500	
6	PROCESS -2	BBB	Z-1	AA	1862				
			Z-2	BB	4434		4434		
			Z-3	CC	2065	2065			
			W-1	DD	5570	5570			
			W-2	EE	5570			5570	
11		DDD	P-1	FF	350	350			

DELETE LINE

OUTPUT DATA

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RETRIEVAL

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275

277

278

270

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FIG.11

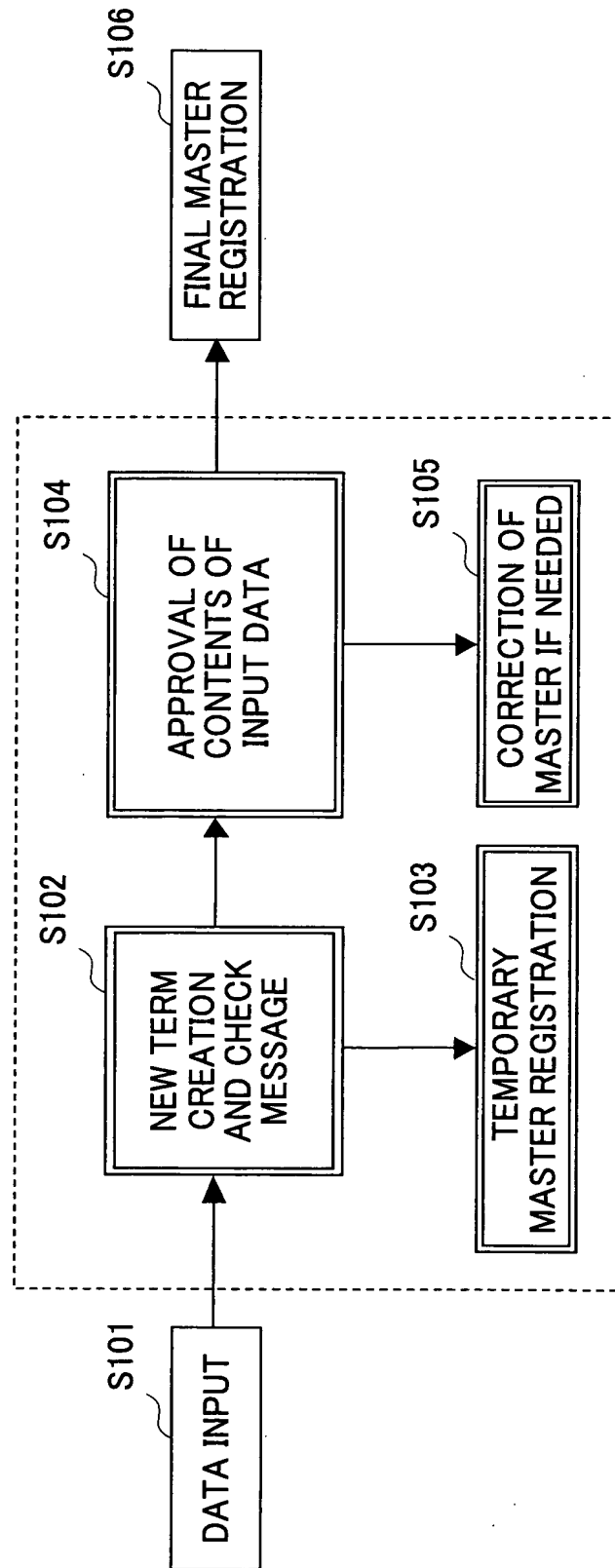


FIG.12

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MFG TECH STANDARD

PRODUCT	XX-1	▽	NEW	PROCESS	TERM-1	▽
PRESCRIPTION	XY-10	▽	NEW	LINE	TERM-1	△
MODEL	SELECT		▽		TERM-2	
SIMILARITY					TERM-3	
COLOR		▽			TERM-4	
ADD	DELETE	BACK			TERM-5	
ID	FACILITY	CHECK			TERM-6	
0000	XXXX	OUTPUT			TERM-7	
					TERM-8	▽
REMARKS						
▽						

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FIG.13

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TOP

PRODUCT XX-1

PRESCRIPTION XY-10

MODEL SELEC

SIMILARITY

COLOR

ADDITION

PROCESS ADDITION

EXISTING ITEM

RAW-MATERIAL-1

RAW-MATERIAL-2

RAW-MATERIAL-3

RAW-MATERIAL-4

PROCESS NAME

OK

CANCEL

CREATE

NEW

NEW

FIG.14

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☐ REQUEST OF TERM REGISTRATION

THE FOLLOWING TERM IS NEWLY RECORDED.
CORRECT THE TERM IF NEEDED.
APPROVAL SCREEN WILL APPEAR
IF "OK" BUTTON IS CLICKED.

MASTER	NEW TERM
MEASURING METHOD	REVERSE CHARGED TONER TESTING METHOD

REVERSE CHARGED TONER TESTING METHOD

CORRECT 283

OK 282

CANCEL

284

SELECTION OF PERSONNEL

EXAMINED BY

APPROVED BY